

CLAIMS

1. A logistics system used for the flow of saleable items in an economy comprised of customers and economic entities,

5                   said logistics system characterized by being constructed from

                  a demand information layer which receives as input request information for saleable items from customers and generates integrated demand information for  
10 the economic entities using the request information,

                  a supply information layer which receives as input said integrated demand information and generates integrated supply information for economic entities making up a business process relating to the supply of  
15 the saleable items relating to the requests from the customers, and

                  an integrated transportation layer which receives as input said integrated supply information, generates integrated transportation information relating to the saleable items, and integratedly executes the physical transportation of the saleable items within the economy.  
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2. A logistics system used for the flow of saleable items in an economy comprised of customers and economic entities,  
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                  said logistics system characterized by being provided with

                  a supply chain management system interposed between a demanding system converting requests issued from customers for saleable items to demand  
30 information and a supplying system converting said demand information to supply information and, on a single enterprize basis, managing the demanding system and supplying system and

35                   a transportation management system interposed between a transporting system converting said supply information to transportation information and

executing physical transportation of said saleable items and the supplying system and, on a single enterprize basis, managing the supplying system and transporting system.

5           3. A logistics system as set forth in claim 2, further provided with an integrated management system for, on a single enterprize basis, managing the supply chain management system and transportation management system and optimizing the flow of saleable items.

10           4. A logistics system used for the flow of saleable items in an economy comprised of customers and economic entities,

                  said logistics system characterized by forming a standardized integrated communication platform in the economy and, on a single enterprize basis, managing the customers and economic entities.

15           5. A logistics system as set forth in claim 4, further provided with a process connection agent in said integrated communication platform, said process connection agent able connect the customers and economic entities to enable the flow of information relating to saleable items.

20           6. A logistics system as set forth in claim 5, wherein said process connection agent has or connects a supply chain management system interposed between the demanding system converting a request issued by a customer for saleable items to demand information and a supplying system converting the demand information to supply information and, on a single enterprize basis, managing the demanding system and the supplying system and

25                   a transportation management system interposed between the transporting system for converting the supply information to transportation information and executing the physical transportation of the saleable items and the supplying system and, on a single enterprize basis, managing the supplying system and

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transporting system.

5       7.    A logistics system as set forth in claim 6,  
          wherein said process connection agent has or connects an  
          integrated management system for, on a single enterprize  
          basis, managing the above supply chain management system  
          and the above transportation management system and  
          optimizing the flow of saleable items.

10       8.    A logistics system as set forth in claim 7,  
          wherein said integrated management system optimizes the  
          flow of saleable items for each business process.

15       9.    A logistics system as set forth in claim 8,  
          wherein said business process forms at least one of a  
          sales plan control process, shipment projection control  
          process, transportation control process, production  
          control process, purchase control process, incoming order  
          control process, outgoing order control process,  
          inventory control process, delivery center and warehouse  
          control process, distribution processing control process,  
          shipping control process, cargo information control  
20       process, ordered saleable item information control  
          process, product control process, and sales performance  
          control process.

25       10.   A logistics system as set forth in claim 7,  
          wherein the integrated management system optimizes the  
          flow of saleable items for each economic entity.

          11.   A logistics system as set forth in claim 5,  
          wherein said customers and economic entities can freely  
          connect to said process connection agent and can freely  
          disconnect from said process connection agent.

30       12.   A logistics system as set forth in claim 5,  
          wherein said process connection agent optimally connects  
          said customers and economic entities by transferring  
          information relating to saleable items via an electronic  
          communications network.